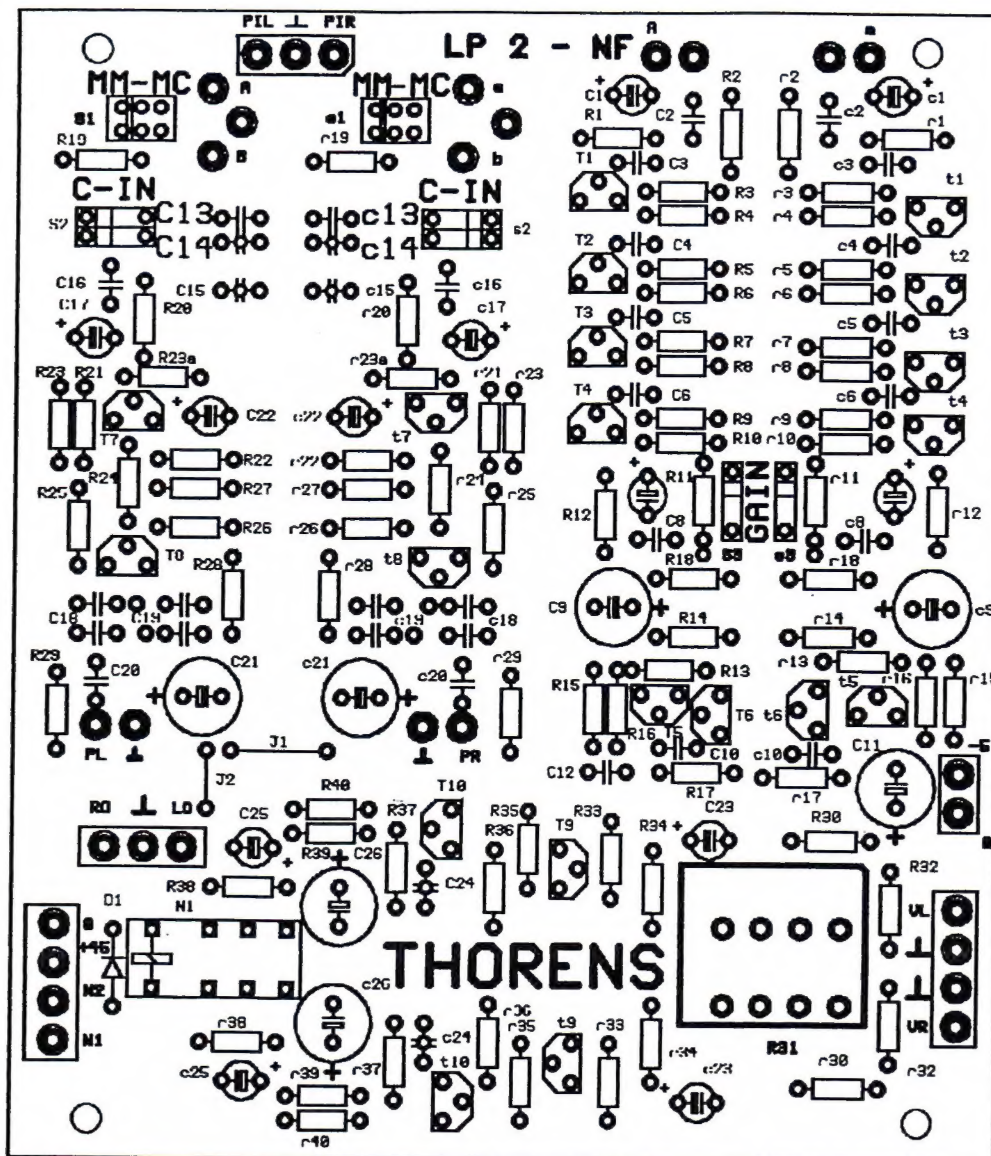
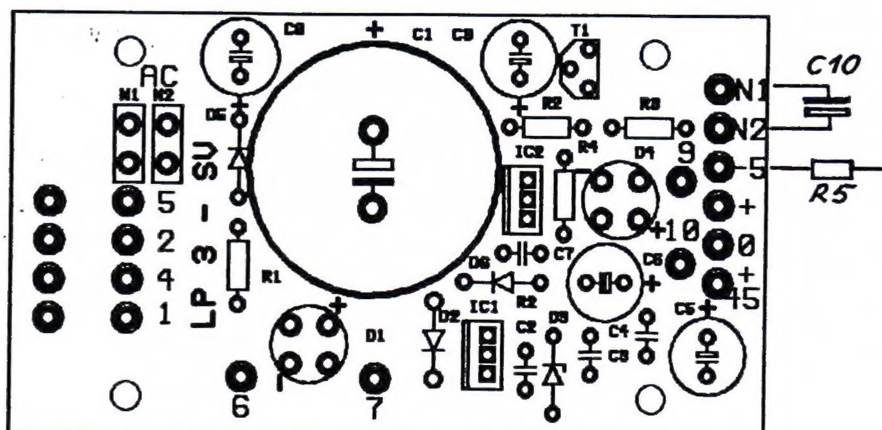


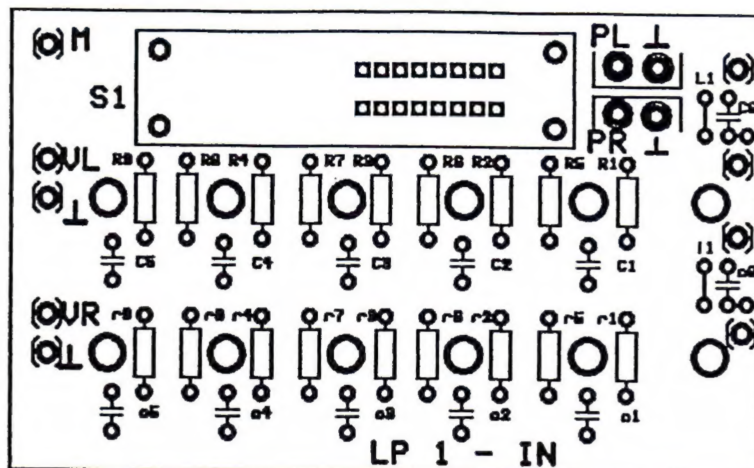
Service Manual

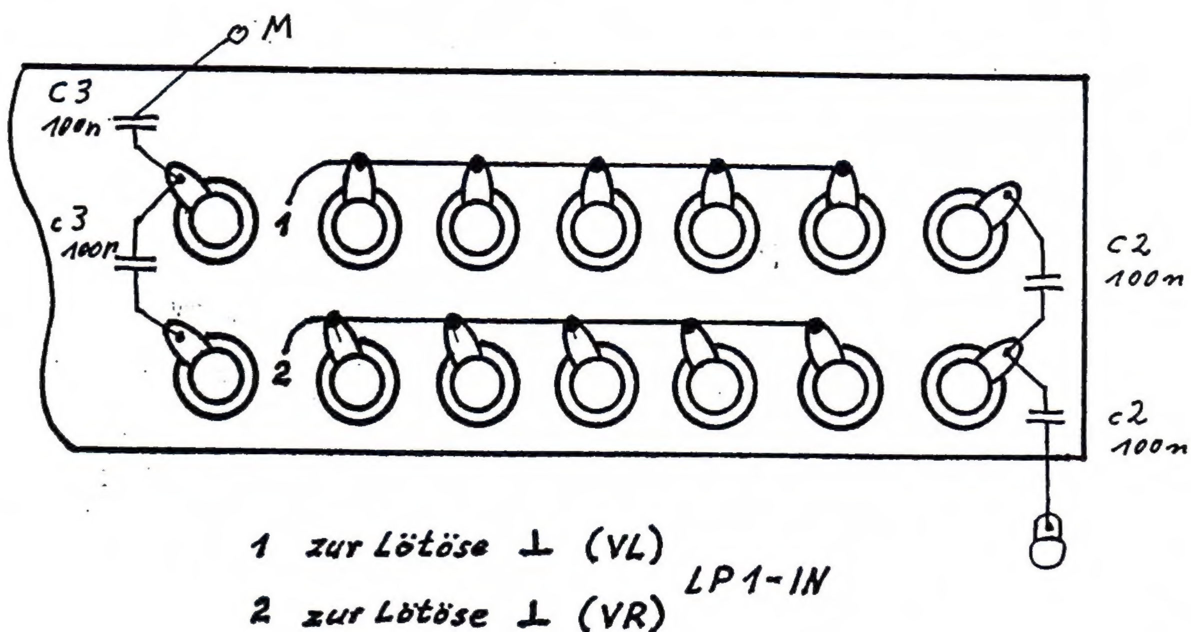
Vorverstärker
TTP 2000





TTP 2000	Bestückungsplan:
Platinen LP2-NF, LP3-SV	NF-Platine, Netzteil





1 zur Lötöse ⊥ (VL)

2 zur Lötöse ⊥ (VR)

LP 1-IN

TTP 2000	Bestückungsplan:
Platine LP1-IN	Eingangsplatine und Buchsen

TTP 2000

Stromlaufplan

Blatt 1 | 10/94 01/96

VV-Verst.

- 5
0

Phono-Eingangsschaltung
siehe Blatt 2 und 3

PH-Verst.

PHONO 100n

S1/1 S1/2 S2/1 S2/2

R19 82k C15 47 C13 100 C14 47 C16 1μ R20 1k

C17 22μ R23A R21 330k R23 47k R25 12k T7 T8 BC 550 C R24 560k R22 10k R26 1k

C18 1,2n C19 3,9n R28 82k R27 1,5k C22 47μ

R29 15k +45 C21 220μ C20 0,1μ R41 470k 0 PL

AUX R1 4,7k C1 R5 390k

CD R2 22k C2 R6 390k

TUNER R3 4,7k C3 R7 390k

TAPE PLAY R4 4,7k C4 R8 390k

TAPE REC. C5

S1 PL R9 12k VL

Option Fernbed. -VOLUME- /a/ /b/

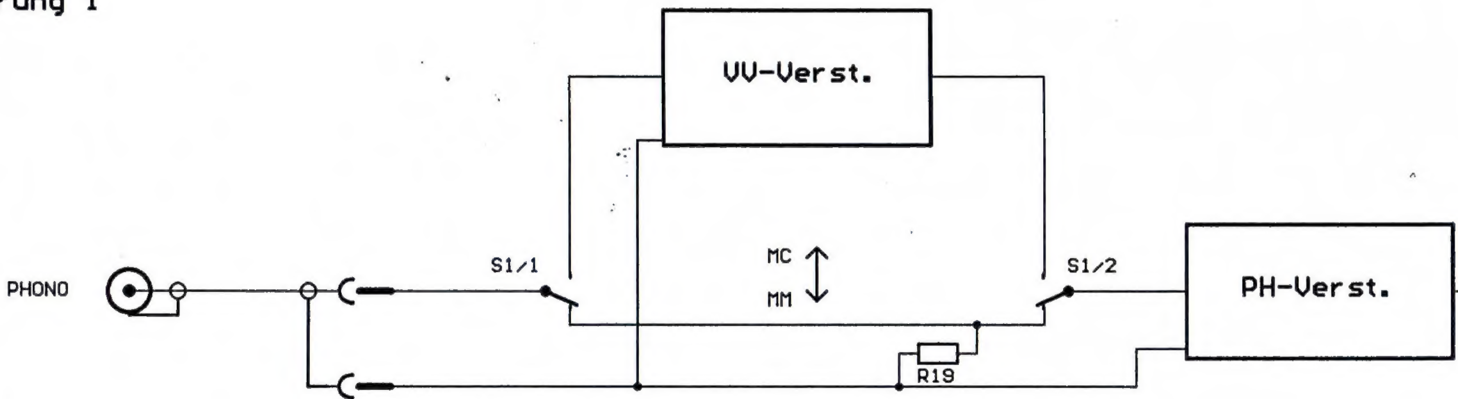
R30 2,2k R31 50k log. C23 4,7μ R33 2,2M R34 180k R35 10k BC 550 C T9 100 R36 470 C24 47 R37 3,9k T10 BC 560 C R39 18 C25 22μ C26 220μ R40 1k + 45 R38 27k C27 1n D1 N. N2 N1 PRE-OUT C3 100n 0

AC 230/240 V 115 V F1 C1 AC-Selector 5 4 2 1

6 7 R1 10 D5 D1 C1 4700μ C2 100n 7812 D2 D3 ZPD 33 C4 100n C3 470n C5 100μ R3 2k R2 1M C8 47μ C9 100μ T1 BC 517 C10 100μ + 45 N2 N1 0

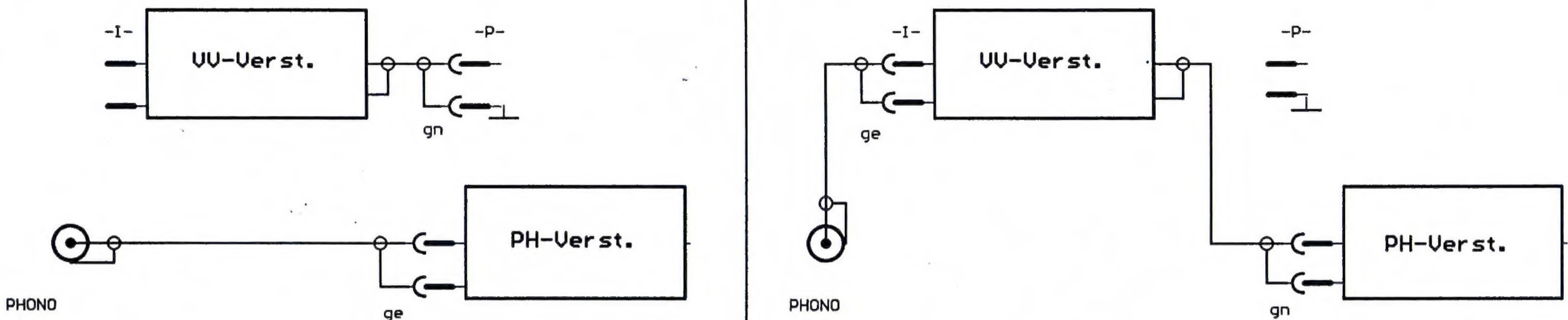
12V/0,15A /a/ /b/ 9 10 D4 C6 1000μ C7 100n 7905 D6 R4 2,2k R5 47 - 5 0

Ausführung 1

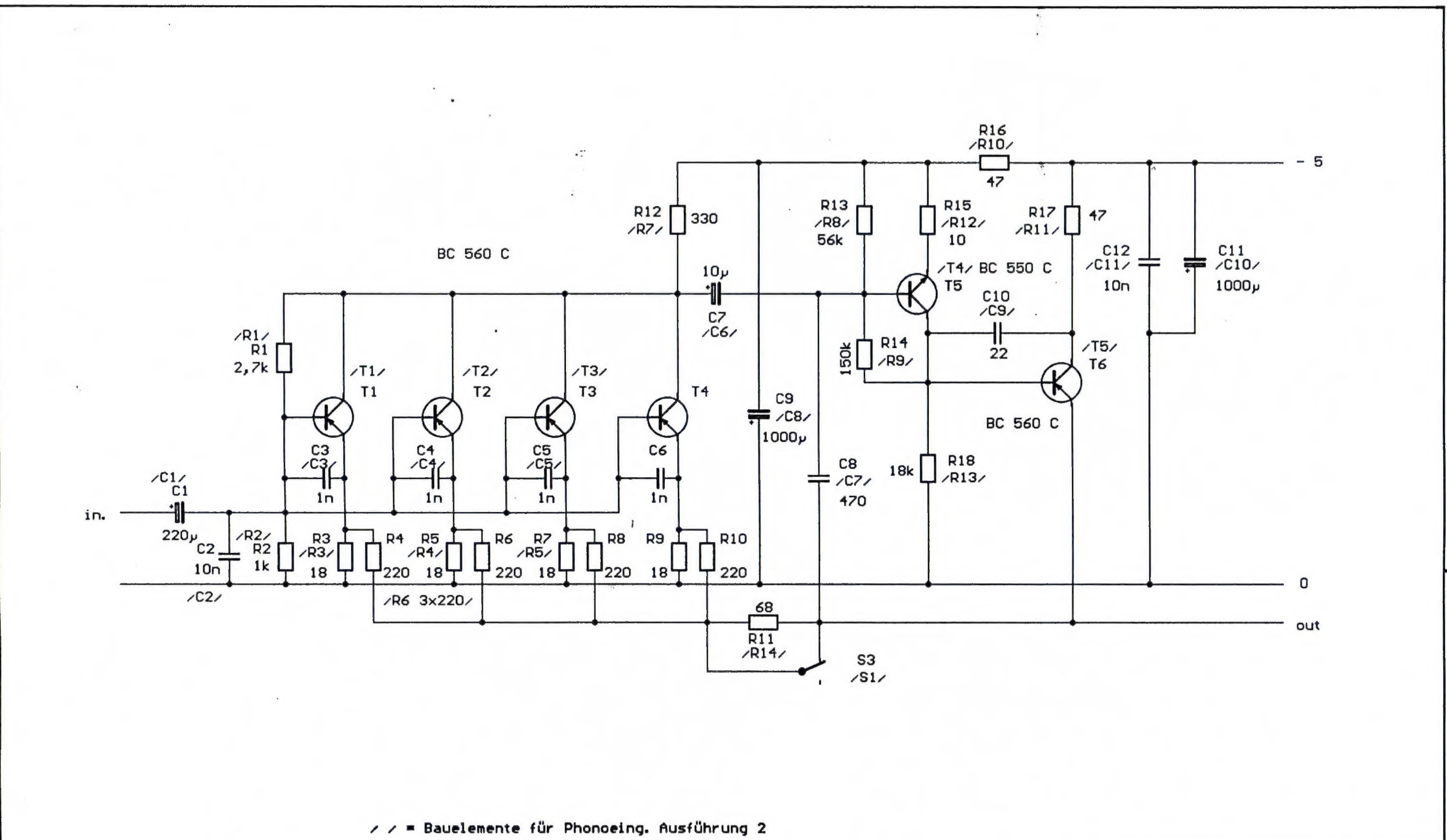


Ausführung 2

/ Schalter S1 auf NF-Platte in beiden Betriebsarten auf Stellung = MM = I



TTP 2000	
Phono-Eingangsschaltung	
Blatt 2	01/96



/ / = Bauelemente für Phonoeing. Ausführung 2

TTP 2000

Stromlaufplan
UV - Verstärker

Blatt 3 | 01/96